WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site:		City/C	ounty:		Sampling Date:	
Applicant/Owner:				State:	Sampling Point:	
Investigator(s):		Section	on, Township, Range:			
Landform (hillslope, terrace, etc.):						
Subregion (LRR or MLRA):						
Soil Map Unit Name:						
Are climatic / hydrologic conditions						
		_				No
Are Vegetation, Soil						_ NO
Are Vegetation, Soil	_, or Hydrology	naturally problema	atic? (If needed, e	explain any answer	s in Remarks.)	
SUMMARY OF FINDINGS	 Attach site 	map showing sam	pling point location	ons, transects	important feat	ures, etc.
Hydrophytic Vegetation Present?	Yes	No				
Hydric Soil Present?		No	Is the Sampled Area	W	NI-	
Wetland Hydrology Present?		No	within a Wetland?	Yes	No	
Remarks:						
HYDROLOGY						
Wetland Hydrology Indicators:				Secondary Indica	tors (minimum of two	required)
Primary Indicators (minimum of c		eck all that apply)		Surface Soil (
Surface Water (A1)	-	Water-Stained Leave	s (B9)		etated Concave Surf	face (B8)
High Water Table (A2)		Aquatic Fauna (B13)	3 (23)	Drainage Pat		(20)
Saturation (A3)		Marl Deposits (B15) (LRR U)	Moss Trim Li		
Water Marks (B1)	_	Hydrogen Sulfide Ode	or (C1)	Dry-Season \	Vater Table (C2)	
Sediment Deposits (B2)	_	_ Oxidized Rhizosphere	es on Living Roots (C3)	Crayfish Burr	ows (C8)	
Drift Deposits (B3)		_ Presence of Reduced			sible on Aerial Image	ery (C9)
Algal Mat or Crust (B4)	_	_ Recent Iron Reductio		Geomorphic		
Iron Deposits (B5)	——————————————————————————————————————	Thin Muck Surface (C	•	Shallow Aqui	, ,	
Inundation Visible on Aerial I Field Observations:	magery (B7)	_ Other (Explain in Ren	narks)	FAC-Neutral	Test (D5)	
	os No	Depth (inches):				
	· · · · · · · · · · · · · · · · · · ·	Depth (inches):				
		Depth (inches):		Hydrology Presen	t? Vas N	lo
(includes capillary fringe)					t: res N	
Describe Recorded Data (stream	gauge, monitorin	g well, aerial photos, pre	vious inspections), if ava	ailable:		
Demonstra						
Remarks:						

EGETATION – Use scientific n			D : (15	
ree Stratum (Plot sizes:)	Absolute % Cover	Dominant Indicator Species? Status	Dominance Test worksheet:	
·		·		Number of Dominant Species That Are OBL, FACW, or FAC:	(Δ)
				mat Ale OBE, I AOW, OF AO.	(^)
-				Total Number of Dominant	(D)
				Species Across All Strata:	(B)
				Percent of Dominant Species	
				That Are OBL, FACW, or FAC:	(A/B
				Prevalence Index worksheet:	
				Total % Cover of: Multiply by	v :
apling Stratum ()			= Total Cover	OBL species x 1 =	
				FACW species x 2 =	
-				FAC species x 3 =	
				FACU species x 4 =	
-				UPL species x 5 =	
-				Column Totals: (A)	(B)
·				Prevalence Index = B/A =	
-				Hydrophytic Vegetation Indicators:	
hands Otractions (= Total Cover	Dominance Test is >50%	
hrub Stratum ()				Prevalence Index is ≤3.0¹	
				Problematic Hydrophytic Vegetation¹ (Ex	valaia)
•				Problematic Hydrophytic Vegetation (EX	(ріаіп)
·				1	
·				¹ Indicators of hydric soil and wetland hydrolo be present.	gy must
i				So procent.	
i					
				Definitions of Vegetation Strata:	
			= Total Cover	_	
lerb Stratum ()				Tree – Woody plants, excluding woody vine	
-				approximately 20 ft (6 m) or more in height a	
				3 in. (7.6 cm) or larger in diameter at breast height (DBH).	
-				Holgin (2211).	
				Sapling – Woody plants, excluding woody	vines,
				approximately 20 ft (6 m) or more in height a	
				than 3 in. (7.6 cm) DBH.	
·					
·				Shrub – Woody plants, excluding woody vi	
				approximately 3 to 20 ft (1 to 6 m) in height.	
0				Horb All barbanasa (ana ana da alauta	Constructions
1				Herb – All herbaceous (non-woody) plants, herbaceous vines, regardless of size. Include	
2.				woody plants, except woody vines, less than	
			= Total Cover	approximately 3 ft (1 m) in height.	
Voody Vine Stratum()		- Total Gover		
l	•			Woody vine – All woody vines, regardless	s of heigh
·					
·					
				Hydrophytic	
·			= Total Cover	Vegetation Present? Yes No	
				TITESCIE: ICS INU	

Hydric Soil Indicators: Histosol (A1) Polyvalue Below Surface (S8) (LRR S, T, U) Histic Epipedon (A2) Histic Epipedon (A2) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Str Mucky Mineral (A7) (LRR P, T, U) Huck Presence (A8) (LRR U) Marl (F10) (LRR U) Redox Dark Surface (F1) Marl (F10) (LRR U) Redicators for Problematic Hydric Soils ³ : Indicators for Problematic Hydric Soils Indicators for Hotelling Indicators for Huck (A9) (LRR O) Indicators for Huck (A9) (LR	Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Texture Remarks	Depth (inches)	SOIL								Sampling Po	oint:
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Histosol (A1)	Color (moist) % Color (moist) % Type¹ Loc² Texture Remarks "Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. "Location: PL=Pore Lining, M=Matrix. Indicators for Problematic Hydric Soils³: Histosol (A1)	Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators: Histosol (A1) Histosol (A1) Polyvalue Below Surface (S8) (LRR S, T, U) Histose (Pipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) Black Histic (A3) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) (LRR O) Granic Bodies (A6) (LRR P, T, U) Granic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F6) Gram Mucky Mineral (A7) (LRR P, T, U) Depleted Dark Surface (F1) Muck Presence (A8) (LRR U) Depleted Below Dark Surface (A1) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (LRR O, P, T) Marl (F10) (LRR U) Depleted Derive (F11) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sendy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Piedmont Floodplain (S1) (LRR O, P, T) Detail Control (F17) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR P, S, T, U) Redox Depressions (F8) Piedmont Floodplain Soils (F12) (LRR O, P, T) Other (Explain in Remarks) Pindicators of hydrophytic vegetation and wetland hydrology must be present. Sandy Gleyed Matrix (S4) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A), 153C, 153D) Depth (inches): Hydric Soil Present? Yes No	Profile Desc	cription: (Describe	to the dept	h needed to docu	ment the i	ndicator	or confirr	n the absence o	of indicators.)	
Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Hydric Soil Indicators: Indicators for Problematic Hydric Soils*: Histosol (A1) Polyvalue Below Surface (S8) (LRR S, T, U) 1 cm Muck (A9) (LRR O)	Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Thirdicators for Problematic Hydric Soils 1: Histosol (A1)	Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. Thydric Soil Indicators: Historsol (A1) Histor Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Muck Presence (A8) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Dark Surface (F7) Mart (F10) (LRR D) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Thick Dark Surface (A11) Depleted Dark Surface (A12) Thick Dark Surface (A12) Thick Dark Surface (A13) Depleted Ochric (F11) (MLRA 151) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Stripped Matrix (S4) Sandy Redox (S5) Anomalous Bright Loamy Soils (F20) (MLRA 149A) Stripped Matrix (S6) Dark Surface (F7) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Destrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	•									
Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histosol (A2) Histosol (A2) Histosol (A3) Histosol (A3) Histosol (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Matrix (F3) Muck y Mineral (F1) (LRR P, T, U) Depleted Dark Surface (F6) Muck Presence (A8) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Muck y Mineral (S9) (LRR P, T, U) Depleted Ochric (F13) (MLRA 151) Sandy Mucky Mineral (S1) (LRR O, S) Depleted Ochric (F13) (LRR P, T, U) Depleted Ochric (F13) (MLRA 151) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (F3) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) (LRR T, Other (Explain in Remarks) Other (Explain in Remarks) John Coast Prairie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	(inches)	Color (moist)	<u>%</u>	Color (moist)	%	Type'	Loc	<u>Texture</u>	Remar	ks
Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histo Epipedon (A2) Black Histic Epipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Black Histid (A4) Borganic Bodies (A6) Hydrogen Sulfide (A4) Borganic Bodies (A6) Depleted Matrix (F3) Black Histin (A7) Black Histin (A7) Black Histin (A8) Black Histin (A8) Black Histin (A3) Black Histin (A6) Black Histin (A7) Blach	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No										
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Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histo Epipedon (A2) Black Histic Epipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Black Histic (A3) Black Histic (A5) Black Histic (A3) Black Histic (A3) Black Histic (A5)	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No										
Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histo Epipedon (A2) Black Histic Epipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Black Histid (A4) Borganic Bodies (A6) Hydrogen Sulfide (A4) Borganic Bodies (A6) Depleted Matrix (F3) Black Histin (A7) Black Histin (A7) Black Histin (A8) Black Histin (A8) Black Histin (A3) Black Histin (A6) Black Histin (A7) Blach	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No					_					
Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histo Epipedon (A2) Black Histic Epipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Black Histic (A3) Black Histic (A5) Black Histic (A3) Black Histic (A3) Black Histic (A5)	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No										
Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histo Epipedon (A2) Black Histic Epipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Black Histid (A4) Borganic Bodies (A6) Hydrogen Sulfide (A4) Borganic Bodies (A6) Depleted Matrix (F3) Black Histin (A7) Black Histin (A7) Black Histin (A8) Black Histin (A8) Black Histin (A3) Black Histin (A6) Black Histin (A7) Blach	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No						-				
Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histo Epipedon (A2) Black Histic Epipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Black Histic (A3) Black Histic (A5) Black Histic (A3) Black Histic (A3) Black Histic (A5)	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No										
Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histo Epipedon (A2) Black Histic Epipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Black Histic (A3) Black Histic (A5) Black Histic (A3) Black Histic (A3) Black Histic (A5)	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No										
Histosol (A1)	Hydric Soil Indicators: Histosol (A1) Histosol (A2) Histosol (A2) Histosol (A3) Histosol (A3) Histosol (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Matrix (F3) Muck y Mineral (F1) (LRR P, T, U) Depleted Dark Surface (F6) Muck Presence (A8) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Muck y Mineral (S9) (LRR P, T, U) Depleted Ochric (F13) (MLRA 151) Sandy Mucky Mineral (S1) (LRR O, S) Depleted Ochric (F13) (LRR P, T, U) Depleted Ochric (F13) (MLRA 151) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (F3) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) (LRR T, Other (Explain in Remarks) Other (Explain in Remarks) John Coast Prairie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Hydric Soil Indicators: Histosol (A1) Histic Epipedon (A2) Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Depleted Dark Surface (F7) Muck (A9) (LRR P, T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A11) Thick Dark Surface (A12) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Delta Ochric (F17) (MLRA 150A, 150B) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Stratified Layers (A5) Depleted Dark Surface (F13) (LRR P, T, U) Depleted Ochric (F17) (MLRA 149A, 153C, 153D) Holicators for Problematic Hydric Soils ³ : 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O) 1 cm Muck (A9) (LRR O, P, T) Depleted Dark Surface (A11) Depleted Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	¹ Type: C=C	oncentration. D=Dep	etion. RM=	Reduced Matrix. C	S=Covered	d or Coate	ed Sand G	rains. ² Loc	ation: PL=Pore Linin	ıa. M=Matrix.
Histosol (A1) Polyvalue Below Surface (S8) (LRR S, T, U) 1 cm Muck (A9) (LRR O) Histic Epipedon (A2) Thin Dark Surface (S9) (LRR S, T, U) 2 cm Muck (A10) (LRR S) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Reduced Vertic (F18) (outside MLRA 1 Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Piedmont Floodplain Soils (F19) (LRR F Stratified Layers (A5) Depleted Matrix (F3) Anomalous Bright Loamy Soils (F20) Stratified Layers (A6) (LRR P, T, U) Redox Dark Surface (F6) (MLRA 153B) Stratified Layers (A8) (LRR P, T, U) Redox Dark Surface (F7) Red Parent Material (TF2) Muck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) (LRF U) Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T) Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 150A) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) This Surface (S7) (LRR P, S, T, U)	Histosol (A1)	Histosol (A1)				. toudoodda.s.t, o	0 0010.00					
Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Hydrogen Sulfide (A4) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Som Mucky Mineral (A7) (LRR P, T, U) Muck Presence (A8) (LRR U) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Delta Ochric (F18) (MLRA 150A) Stripped Matrix (S6) Dark Surface (S9) (LRR S, T, U) Loamy Mucky Mineral (A7) (LRR P, T, U) Depleted Blow Dark Surface (A10) Sandy Mucky Mineral (S1) (LRR O, S) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Thick Dark Surface (S1) (LRR O, S) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Thick Dark Surface (S7) (LRR P, S, T, U) Anomalous Bright Loamy Soils (F20) Reduced Vertic (F18) (MLRA 150A) Loamy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)	Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Mucky Presence (A8) (LRR P, T, U) Depleted Deprice (Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Depleted Matrix (F3) Sandy Mucky Mineral (S1) (LRR O, T) Sandy Mucky Mineral (S1) (LRR O, T) Sandy Mucky Mineral (S1) (LRR O, T) Sandy Redox (S5) Sandy Redox (S5) Stripped Matrix (S6) Depleted Dark Surface (B1) Depleted Depleted Deric (F18) (Outside MLRA 150A) Depleted Matrix (S6) Dark Surface (S7) (LRR O, T, U) Depleted Deric (F10) (LRR U) Depleted Deric (F11) (MLRA 151) Stripped Matrix (S6) Dark Surface (S7) (LRR P, T, U) Depleted Depleted Deric (F18) (MLRA 150A, 150B) Piedmont Floodplain Soils (F20) (MLRA 149A, 153C, 153D) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Histic Epipedon (A2) Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Reduced Vertic (F18) (outside MLRA 150A,E Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Piedmont Floodplain Soils (F19) (LRR P, S, T Anomalous Bright Loamy Soils (F20) (MLRA 153B) Stripped Matrix (S6) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (LRR P, T, U) Piedmont Floodplain Soils (F19) (LRR P, S, T Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) (LRR T, U) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Piedmont Floodplain Soils (F20) (MLRA 149A) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	•			Polyvalue Be	elow Surfa	ce (S8) (I	RRST		-	
Black Histic (A3) Loamy Mucky Mineral (F1) (LRR O) Reduced Vertic (F18) (outside MLRA 1 Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Piedmont Floodplain Soils (F19) (LRR F Stratified Layers (A5) Depleted Matrix (F3) Anomalous Bright Loamy Soils (F20) Grganic Bodies (A6) (LRR P, T, U) Redox Dark Surface (F6) (MLRA 153B) 5 cm Mucky Mineral (A7) (LRR P, T, U) Depleted Dark Surface (F7) Red Parent Material (TF2) Muck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) (LRR U) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Depleted Ochric (F13) (LRR P, T, U) Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)	Black Histic (A3)	Black Histic (A3)		` '								
Hydrogen Sulfide (A4) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) Somy Gleyed Matrix (F2) Depleted Matrix (F3) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Muck Presence (A8) (LRR U) Depleted Dark Surface (F7) Marl (F10) (LRR U) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Loamy Gleyed Matrix (F2) Depleted Matrix (F2) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) (LRR O, P, T) Werl Shallow Dark Surface (TF12) (LRR O, P, T) Under (Explain in Remarks) Depleted Ochric (F11) (MLRA 151) Iron-Manganese Masses (F12) (LRR O, P, T) Delta Ochric (F13) (LRR P, T, U) Wetland hydrology must be present. Wetland hydrology must be present. Sandy Redox (S5) Piedmont Floodplain Soils (F20) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U)	 Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Stratified Layers (A5) Depleted Matrix (F3) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Fed Parent Material (TF2) Muck Presence (A8) (LRR V) Pepleted Dark Surface (F7) Muck Presence (A8) (LRR V) Pepleted Dark Surface (F7) Muck (A9) (LRR P, T) Depleted Dark Surface (F7) Marl (F10) (LRR V) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Gleyed Matrix (S4) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No 	Hydrogen Sulfide (A4) Stratified Layers (A5) Depleted Matrix (F2) Peledmont Floodplain Soils (F19) (LRR P, S, T Anomalous Bright Loamy Soils (F20) Grganic Bodies (A6) (LRR P, T, U) Peleted Dark Surface (F6) Mucky Mineral (A7) (LRR P, T, U) Pepleted Dark Surface (F7) Muck Presence (A8) (LRR U) Pepleted Dark Surface (F7) Pepleted Below Dark Surface (A11) Pepleted Below Dark Surface (A11) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (LRR P, S, T Anomalous Bright Loamy Soils (F20) Marl (F10) (LRR U) Pepleted Dark Surface (F7) Pepleted Dark Surface (F7) Pepleted Dark Surface (F12) (LRR O, P, T) Pepleted Below Dark Surface (A11) Umbric Surface (F13) (LRR P, T, U) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Mucky Mineral (S1) (LRR O, S) Piedmont Floodplain Soils (F19) (MLRA 150A) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No										de MLRA 150A.
Stratified Layers (A5) Depleted Matrix (F3) Anomalous Bright Loamy Soils (F20) Organic Bodies (A6) (LRR P, T, U) Redox Dark Surface (F6) Mucky Mineral (A7) (LRR P, T, U) Depleted Dark Surface (F7) Red Parent Material (TF2) Muck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) (LRR U) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T) 3Indicators of hydrophytic vegetation are wetland hydrology must be present Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F13) (MLRA 151) wetland hydrology must be present Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D)	Stratified Layers (A5)	Stratified Layers (A5)							/			
Organic Bodies (A6) (LRR P, T, U) Redox Dark Surface (F6) (MLRA 153B) 5 cm Mucky Mineral (A7) (LRR P, T, U) Depleted Dark Surface (F7) Red Parent Material (TF2) Muck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) (LRR U) Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T) Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F13) (LRR P, T, U) wetland hydrology must be present. Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U)	Organic Bodies (A6) (LRR P, T, U) Redox Dark Surface (F6) (MLRA 153B) 5 cm Mucky Mineral (A7) (LRR P, T, U) Depleted Dark Surface (F7) Red Parent Material (TF2) Muck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) (LRR T, 1 cm Muck (A9) (LRR P, T) Marl (F10) (LRR U) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T) Indicators of hydrophytic vegetation and wetland hydrology must be present. Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Organic Bodies (A6) (LRR P, T, U) Redox Dark Surface (F6) (MLRA 153B) 5 cm Mucky Mineral (A7) (LRR P, T, U) Depleted Dark Surface (F7) Red Parent Material (TF2) Muck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) (LRR T, U) 1 cm Muck (A9) (LRR P, T) Marl (F10) (LRR U) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T) Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No						,				
					T, U)			- 6)				,
Muck Presence (A8) (LRR U) 1 cm Muck (A9) (LRR P, T) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Redox (S5) Sandy Redox (S5) Dark Surface (S7) (LRR P, S, T, U) Redox Depressions (F8) Wery Shallow Dark Surface (TF12) (LRR O) Other (Explain in Remarks) Other (Explain in Remarks) Other (Explain in Remarks) Iron-Manganese Masses (F12) (LRR O, P, T)	Muck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) (LRR T, 1 cm Muck (A9) (LRR P, T) Marl (F10) (LRR U) Other (Explain in Remarks) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T) Indicators of hydrophytic vegetation and Wetland hydrology must be present Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Piedmont Floodplain Soils (F20) (MLRA 149A, 153C, 153D)	Muck Presence (A8) (LRR U) Redox Depressions (F8) Very Shallow Dark Surface (TF12) (LRR T, U) Other (Explain in Remarks)										
 1 cm Muck (A9) (LRR P, T) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Marl (F10) (LRR U) Depleted Ochric (F11) (MLRA 151) Iron-Manganese Masses (F12) (LRR O, P, T) Iron-Manganese Masses (F12) (LRR O, P, T) Indicators of hydrophytic vegetation ar wetland hydrology must be present. Meduced Vertic (F17) (MLRA 151) Reduced Vertic (F18) (MLRA 150A, 150B) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) 	1 cm Muck (A9) (LRR P, T) Marl (F10) (LRR U) Other (Explain in Remarks) Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T) Indicators of hydrophytic vegetation and Wetland hydrology must be present Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U)											TF12) (LRR T, L
 Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Depleted Ochric (F11) (MLRA 151) Iron-Manganese Masses (F12) (LRR O, P, T) Indicators of hydrophytic vegetation ar wetland hydrology must be present. Mucky Mineral (S1) (LRR O, S) Piedmont Floodplain Soils (F19) (MLRA 150A) Mucky Mineral (S1) (LRR O, S) Piedmont Floodplain Soils (F20) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) 	Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T)	Depleted Below Dark Surface (A11) Depleted Ochric (F11) (MLRA 151) Thick Dark Surface (A12) Iron-Manganese Masses (F12) (LRR O, P, T)								-		, ,
 Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Wetland hydrology must be present. MLRA 151) Reduced Vertic (F18) (MLRA 150A, 150B) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) 	Coast Prairie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) wetland hydrology must be present. Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Coast Prairie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) wetland hydrology must be present. Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Park Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Deplete	d Below Dark Surface	e (A11)	Depleted Oc	hric (F11)	(MLRA 1	51)		r	
 Coast Prairie Redox (A16) (MLRA 150A) Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Wetland hydrology must be present. MLRA 151) Reduced Vertic (F18) (MLRA 150A, 150B) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) 	Coast Prairie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) wetland hydrology must be present. Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Coast Prairie Redox (A16) (MLRA 150A) Umbric Surface (F13) (LRR P, T, U) wetland hydrology must be present. Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Thick Da	ark Surface (A12)		Iron-Mangar	ese Mass	es (F12) (LRR O, P	, T) ³ Indicat	ors of hydrophytic ve	egetation and
 Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Delta Ochric (F17) (MLRA 151) Reduced Vertic (F18) (MLRA 150A, 150B) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) 	Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed):	Sandy Mucky Mineral (S1) (LRR O, S) Delta Ochric (F17) (MLRA 151) Sandy Gleyed Matrix (S4) Reduced Vertic (F18) (MLRA 150A, 150B) Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Coast P	rairie Redox (A16) (N	ILRA 150A) Umbric Surfa	ace (F13) (LRR P, T	, U)			-
 Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) Piedmont Floodplain Soils (F19) (MLRA 149A) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) 	Sandy Redox (S5)	Sandy Redox (S5) Piedmont Floodplain Soils (F19) (MLRA 149A) Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed):	Sandy N	Mucky Mineral (S1) (L	.RR O, S)	Delta Ochric	(F17) (ML	.RA 151)				- p
Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U)	Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Stripped Matrix (S6) Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Sandy C	Gleyed Matrix (S4)		Reduced Ve	rtic (F18) (MLRA 15	0A, 150B)		
Dark Surface (S7) (LRR P, S, T, U)	Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Dark Surface (S7) (LRR P, S, T, U) Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Sandy F	Redox (S5)		Piedmont Flo	oodplain S	oils (F19)	(MLRA 1	49A)		
	Restrictive Layer (if observed): Type:	Restrictive Layer (if observed): Type: Depth (inches): Hydric Soil Present? Yes No	Stripped	l Matrix (S6)		Anomalous I	Bright Loar	ny Soils (F20) (MLF	RA 149A, 153C,	153D)	
Restrictive Layer (if observed):	Type: Depth (inches): Hydric Soil Present? Yes No	Type: Depth (inches): Hydric Soil Present? Yes No	Dark Su	rface (S7) (LRR P, S	, T, U)							
	Depth (inches): Hydric Soil Present? Yes No	Depth (inches): No	Restrictive	Layer (if observed):								
Type:			Type:									
Depth (inches): Hydric Soil Present? Yes No			Depth (in	ches):						Hydric Soil F	Present? Yes	No
	remarks.			,								